

APSS-1B

Loss-of-Signal Switch

- Automatic RF Switching on Loss of Signal
- Manual Override Capability
- Virtually Transparent from 5 to 1000 MHz
- Monitors One Signal or All Signals on Line
- Latching and Non-Latching Models



The Trilithic APSS-1B™ is a rack-mounted SPDT RF switch that is ideally suited for RF LAN fiber communications links, CATV systems and other applications where the continuity of service must be maintained.

The APSS-1B can monitor signals at all frequencies between 5 and 1000 MHz but can be configured to monitor a single frequency, or a range of frequencies, with the addition of a bandpass filter into either monitoring path.

The APSS-1B automatically switches to a backup RF source whenever the level of the primary RF source falls below a user-settable limit. LED's indicate which source is currently selected, and a front panel switch is provided for manual operation.

By adding an optional RF filter, the APSS-1 loss of signal switch can be configured to monitor a single frequency.

SPECIFICATIONS

Electrical

Frequency Range	5 to 1000 MHz
Operating Input Level	35 to 55 dBmV
Impedance	75 Ω
Insertion Loss	5-600 MHz: <1.25 dB (maximum) 600-750 MHz: <1.5 dB 750-1000 MHz: <1.75 dB
Return Loss	Input: >14 dB Output: >17 dB
Isolation	>60 dB
Maximum Switch Time	15 mSec

Mechanical/Environmental

Power	115 or 230 VAC 50/60 Hz
Size (H x W x D)	19" x 1.75" x 10" (483mm x 44mm x 254mm)
Weight	6 lbs (2.72 Kg)
Options	Single-frequency filter

INCLUDES THE FOLLOWING:

Loss-of-signal switch
P/N 2010575005